SILVER SERIES

NX-CU306-CX

Outdoor Waterproof Cat6 UTP Cable, 305 m

SILVER SERIES · OUTDOOR

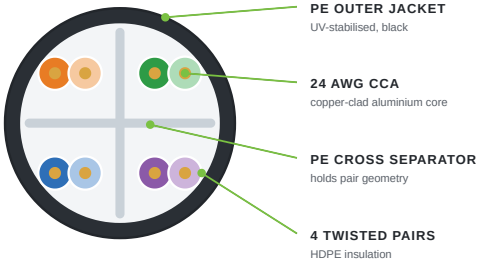


305 m	Cat6	PE	24 AWG
FULL DRUM 1000 FT	250 MHZ BANDWIDTH	UV OUTDOOR JACKET	CCA CONDUCTOR

01 OVERVIEW

NX-CU306-CX is the outdoor version of the Nexakey SILVER series Cat6 cable, built for CCTV runs that leave the building. The PE outer jacket is UV-stabilised and takes far more crushing load than the PVC jacket on an indoor cable, so it survives the sun, the rain and the pulling that a rooftop, boundary-wall or pole-to-pole camera run puts it through. Supplied on a 305 m drum for a full run with no joins.

02 INSIDE THE CABLE



AT A GLANCE

CATEGORY
Cat6, UTP, 4 pair

BANDWIDTH
Up to 250 MHz

DATA
High-speed transfer

DRUM
305 m (1000 ft)

03 KEY FEATURES

01 PE jacket that survives Bangladeshi sun
Polyethylene is UV-stabilised and does not chalk, harden and crack the way a PVC jacket does after a couple of summers on an exposed wall or rooftop.

02 Takes far more crushing load than PVC
The denser PE jacket resists the pressure of a cable tie pulled hard, a clip over-hammered, or a conduit bend — the three ways an outdoor run is usually damaged on the day it is installed.

03 Built for CCTV, not general LAN
Cat6 construction to 250 MHz gives high-speed data transfer across the full 100 m run, with headroom left for the next upgrade on the same cable.

04 305 m drum, no joins on a long run
A full 1000 ft drum reaches the far camera in one piece. Every join on an outdoor run is a future water-ingress fault.

05 Four twisted pairs with a cross separator
HDPE insulation and a PE cross separator hold pair geometry under bending, which is what keeps crosstalk down over a long outdoor run.

06 Black jacket, outdoor by design
Carbon-black PE is what gives the jacket its UV life. It also disappears against a boundary wall or a pole instead of yellowing in view.

nexakey
Your Security. Your Control. Your Future.
Structured cabling, CCTV and security infrastructure.

SALES & SUPPORT
Nexakey
+86 198-7551-4301
info@thenexakey.com
thenexakey.com

ADDRESS
H020 3/Farid, 42–46 Tai Lin Pai Road
Kwai Chung, Hong Kong

© 2026 Nexakey. All rights reserved.

04 INDOOR PVC OR OUTDOOR PE?

	NX-SL48C6 Indoor · PVC jacket	THIS SHEET NX-CU306-CX Outdoor · PE jacket
Outer jacket	PVC	PE, UV-stabilised
Sunlight (UV)	—	✓
Rain and damp	—	✓
Crush and pulling load	Standard	Higher
Jacket colour	Grey	Black
Where it belongs	Inside the building	Outside, and between buildings

05 TECHNICAL SPECIFICATIONS

CABLE	
Product type	Cat6 outdoor UTP network cable
Category	Cat6
Shielding	UTP — unshielded twisted pair
Pairs	4 twisted pairs (8 conductors)

CONDUCTOR	
Conductor	24 AWG copper-clad aluminium (CCA)
Insulation	HDPE
Separator	PE cross separator

JACKET	
Jacket	PE (polyethylene), UV-stabilised outdoor grade
Jacket colour	Black
Installation type	Outdoor — aerial, wall and conduit runs

PERFORMANCE	
Bandwidth	Up to 250 MHz
Data speed	High-speed data transfer
Operating distance	Up to 100 m per run

PACKAGING	
Length	305 m (1000 ft)
Supplied on	Wooden drum, pull-box packed

APPLICATION	
Primary use	Outdoor CCTV and IP camera cabling
Also suits	Building-to-building links, boundary and rooftop runs

Specifications subject to change without notice. For a buried route, run this cable inside conduit or duct.

06 SUPPORT & ORDERING

Cable Pulling & Termination
Route survey, pulling and termination by trained engineers, with the runs labelled and tested on handover.

Certification & Testing
Link testing on the completed run, so a camera fault is never blamed on the cable after the fact.

Local Service Network
Stock and support through branches in Dhaka, Chattogram and the divisional offices.

Project & Tender Supply
Drum quantities and specification text for CCTV, RMG, corporate and government tenders.

MODEL	DESCRIPTION	AVAILABILITY
NX-CU306-CX	Outdoor Waterproof Cat6 UTP Cable, 305 m, Black	Indent Order
NX-SL48C6	Indoor Cat6 CCA UTP Cable, 305 m, Grey	Indent Order

Availability indicative. Confirm lead time and commercial terms with your Nexakey supplier at order. Prices on request.

nexakey
Your Security. Your Control. Your Future.
Structured cabling, CCTV and security infrastructure.

SALES & SUPPORT
Nexakey
+86 198-7551-4301
info@thenexakey.com
thenexakey.com

ADDRESS
H020 3/Farid, 42–46 Tai Lin Pai Road
Kwai Chung, Hong Kong

© 2026 Nexakey. All rights reserved.